In The Claims:

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1 (amended). An air mattress comprising:

a first inflatable compartment having a first layer, a second layer, and a periphery defining a length and a width;

a second inflatable compartment having at least one additional layer and extending generally said length and width of said periphery, said second inflatable compartment being tufted; and

a perimeter seal connecting said first inflatable compartment to said second inflatable compartment, wherein said perimeter seal is recessed from said periphery;

wherein said second layer forms a boundary surface between said first inflatable compartment and said second inflatable compartment and contains a plurality of fluid communication channels between said first compartment and said second compartment.

Please cancel claim 2 without prejudice.

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3 (amended). The air mattress as set forth in claim 1, wherein said second inflatable compartment further comprises a second additional layer between said one additional layer and said first inflatable compartment, said second additional layer being sealed to said second layer of said first inflatable compartment adjacent to said plurality of fluid communication channels.

15 (amended). An air mattress comprising:

a first inflatable compartment having a first layer, a second layer, and a periphery defining a length and a width;

a second inflatable compartment having at least one additional layer and extending generally said length and width of said periphery, said second inflatable compartment being tufted; and

a layer of cushioning material in one of said first inflatable compartment and said second inflatable compartment, wherein the other of said first inflatable compartment and said second inflatable compartment is inflated but does not contain a layer of cushioning material;

wherein said second layer forms a boundary surface between said first inflatable compartment and said second inflatable compartment and contains a plurality of fluid communication channels between said first compartment and said second compartment:

Please cancel claim 17 without prejudice.

18 (amended). The air mattress as set forth in claim 15, wherein said second inflatable compartment further comprises a second additional layer between said one additional layer and said first inflatable compartment, said second additional layer being sealed to said second layer of said first inflatable compartment adjacent to said plurality of fluid communication channels.

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